



Glenn Research Center

## Space Station Fluids and Combustion Facility



### FCF Embedded Web Software New Technology (EWT)

- FCF Embedded Web software new technology won the NASA Software of the Year award for 1998
- Allows networks of *embedded* control computers to communicate to each other and to outside users via *platform independent* "internet" technology
- Greatly simplifies programming of large systems containing many computers such as FCF — software cost can be cut in half
- Dramatically lowers risk of introducing new hardware and software to existing system, provided it uses EWT; This is critical in facility with 10 year lifetime
- Considered a revolutionary improvement that has been embraced by industry

